

## 14217600 SWIFT RESERVOIR AT COUGAR, WA

LOCATION.-- Lat 46°03'38", long 122°11'44", in NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  sec.28, T.7 N., R.5 E., Skamania County, Hydrologic Unit 17080002, at the intake structure near left bank on Swift Dam on Lewis River, 5.0 mi east of Cougar, and at mile 47.9.

DRAINAGE AREA.--481 mi<sup>2</sup>.

PERIOD OF RECORD.--September 1958 to current year.

GAGE.--Water-stage recorder and long distance indicator in powerhouse. Datum of gage is sea level (levels by PacifiCorp).

REMARKS.--Hourly elevations for the year were furnished by PacifiCorp. Reservoir is formed by rock and earthfill dam; storage began Sept. 29, 1958; dam completed in December 1958. Usable capacity, 446,600 acre-ft between elevations 878 ft, lower limit for economic operation, and 1,000.5 ft, maximum operating limit. Dead storage unknown. Figures given herein represent total contents. Water is used by PacifiCorp for power generation. Capacity table furnished by PacifiCorp.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 759,100 acre-ft, Nov. 15, 1973, elevation 1,000.77 ft; minimum contents since reservoir was first filled, 325,100 acre-ft, May 1, 1967, elevation 883.60 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 755,400 acre-ft, June 12, July 3, elevation 999.97 ft; minimum contents 561,600 acre-ft, Mar. 11, elevation 954.04 ft.

## MONTHEND ELEVATION AND CONTENTS AT 2400, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.....	994.05	728,700	--
Oct. 31.....	959.98	584,800	-143,900
Nov. 30.....	994.78	731,900	+147,100
Dec. 31.....	990.24	711,500	-20,400
CAL YR 1999.....	--	--	-39,200
Jan. 31.....	960.04	585,000	-126,500
Feb. 29.....	960.28	586,000	+1,000
Mar. 31.....	965.17	605,500	+19,500
Apr. 30.....	994.24	729,500	+124,000
May 31.....	998.48	748,600	+19,100
June 30.....	998.79	750,000	+1,400
July 31.....	997.87	745,800	-4,200
Aug. 31.....	985.48	690,500	-55,300
Sept. 30.....	970.46	627,000	-63,500
WTR YR 2000.....	--	--	-101,700